

INTERNATIONAL SEARCH REPORT

International Application No
/GB2004/003301

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C01B3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	US 2003/162059 A1 (GELSEY JON) 28 August 2003 (2003-08-28) paragraphs '0042!', '0045!' - '0047!'; figure 1	1-3,7,8, 13,14,16
X	US 4 214 699 A (BUCHNER HELMUT ET AL) 29 July 1980 (1980-07-29)	1,3,5,6, 8-10,12, 14-16
A	column 2, line 46 - column 3, line 21; figures 1,2	2,4,7, 11,13
X	US 5 906 792 A (BOILY SABIN ET AL) 25 May 1999 (1999-05-25)	1,4-10, 12-16
A	column 2, lines 39-56 column 2, line 65 - column 3, line 33 column 6, lines 41-48	2,3,11



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

7 October 2004

Date of mailing of the international search report

18/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Werner, H

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/003301

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003162059 A1	28-08-2003	NONE	
US 4214699 A	29-07-1980	DE 2715990 A1 FR 2386428 A1 GB 1601431 A IT 1095102 B	12-10-1978 03-11-1978 28-10-1981 10-08-1985
US 5906792 A	25-05-1999	CA 2242555 A1 WO 9726214 A1 CN 1208392 A ,C DE 69704547 D1 DE 69704547 T2 EP 0874781 A1 JP 2000503292 T	24-07-1997 24-07-1997 17-02-1999 17-05-2001 11-04-2002 04-11-1998 21-03-2000